

CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Authorize Issuance of Bid Specifications for Electric Utility Materials for Capital Construction Project

MEETING DATE: February 18, 1998

SUBMITTED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council authorize the Electric Utility Department to advertise for bids of various overhead construction materials outlined in Attachment A.

BACKGROUND: Woodbridge Irrigation District (WID), in order to provide electric services, may solicit construction bids or enter into other arrangements pursuant to their procedures. If the City of Lodi hopes to be a provider of the construction services, then it is incumbent that materials be readily available to meet critical construction milestones. In the event the City is selected for the contract, and the Council approves the arrangement, materials must be readily available to meet WID's schedule. Staff is recommending that the City advertise for bids in anticipation of this project, in addition to the 230/60kv and Cluff feeder needs. The construction contract for the Woodbridge project will be brought to Council for approval prior to awarding any material purchases. Should the construction contract between the City of Lodi and WID not be executed, then the materials for that project will not be purchased. All bids will be brought to the City Council for approval and award.

FUNDING: Electric Utility Department Operating Fund
Estimated Cost: \$450,000-\$675,000



Alan N. Vallow
Electric Utility Director

Funding Approval:


Vicky McAthie, Finance Director

Prepared by: Nancy Bougher, Senior Electric Utility Rate Analyst

ANV/NB/lst

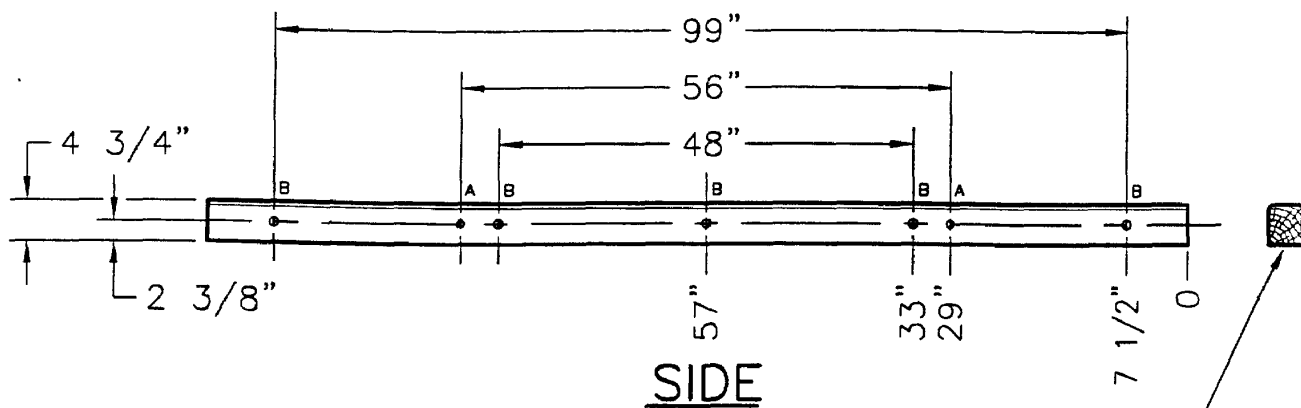
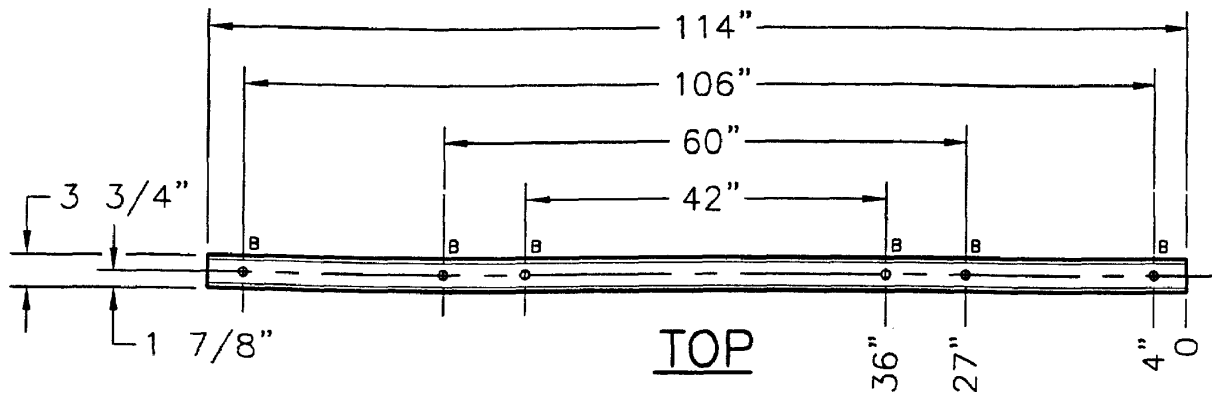
c: City Attorney
Manager, Engineering and Operations

APPROVED

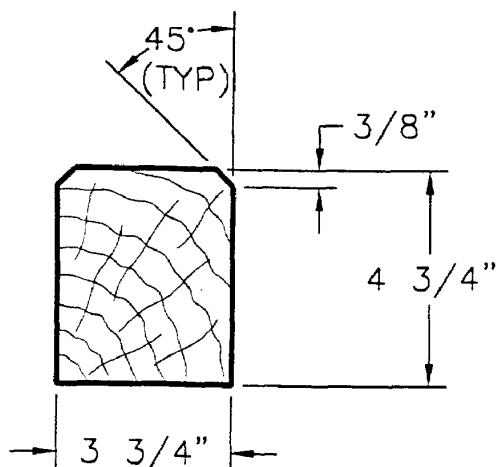
H. Dixon Flynn
CITY MANAGER

POLE LINE HARDWARE**I. MATERIAL LIST**

Crossarm, Wood, 9'6" LSP Treated (115-8499)	200	See Attachment 1
Crossarm, Wood, 9'6" HSP Treated (115-8500)	20	See Attachment 2
Line Post Stud (115-9310)	450	Joslyn J25249.3 Kortick K8366SPL
Post Insulator Stud (115-9311)	700	Joslyn J25248.1
60" Angle Vee Brace (115-9460)	220	Joslyn J1510 McGraw DB2L1
#715.5MCM Bare Aluminum Conductor	180,000 ft.	Code Name VIOLET
#954MCM Bare Aluminum Conductor	145,000 ft.	Code Name MAGNOLIA
#715.5 Dead End Shoe (118-0516)	125	Anderson ADE-98-N Bethea ASD-58-N
#715.5 AL Tension Sleeve (118-2055)	65	Burndy YTS-39A
#715.5 AL Jumper Sleeve (118-2072)	40	Burndy YNS-43R
15kV Post-Tie Top Insul. ANSI 57-1 (118-5045)	730	Chance C903-1011 Lapp 9325-70 Victor 2025
715.5 2 7/8" Dia. Wraplock Tie F-neck(118-7317)	750	Preformed WTF-0227 Dulmison LTF-2435
715.5 2 7/8" Dia. Side Tie F-neck (118-7324)	50	Preformed STF-1163-P
397-954 to 397-954 AS P.G. Clamp (218-0930)	20	Burndy UP45R Anderson LCU-16-XB
954MCM AL Jumper Sleeve (218-2097)	10	Fargo 40119 Burndy YCS431A
60kV Horiz. Line Post Insulator (218-5110)	550	See Attachment 3
60kV Horiz. Silicon Insulator (218-5115)	606	Reliable H222037AX00
954-1033.5MCM AA Line Guard (218-7232)	575	Preformed MG-0157 Slacon 80768 CFW 13-1154
Insul. Standoff Brkt. Horz. 15" (218-8621)	600	Lindsey 4231 Bethea HBB-10-15
954-1033.5MCM Saddle Clamp (218-8634)	610	Lapp 47115 Continental LPS-200 Anderson TSC-200
55' Wood Pole (CL-1)	63	
60' Wood Pole (CL-1)	13	
55' Wood Pole (CL-3)	12	
45' Wood Pole (CL-3)	5	
65' Wood Pole (CL-1)	8	



SEE DETAIL "A"



HOLE DATA

HOLE	DESCRIPTION	REQ'D
A	Ø 9/16"	2
B	Ø 11/16"	11

DETAIL "A"

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CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

ENGINEERING STANDARD
CROSSARM DETAIL 9'-6"
LIGHT STEEL PIN

23APR97

BA

AMS/DJC

SHEET 1 OF 1

DATE

DRAWN

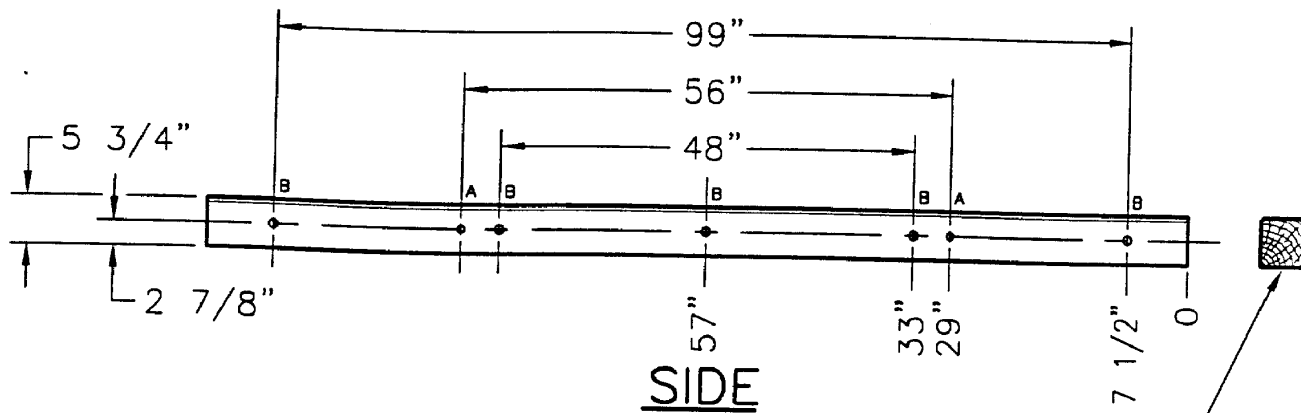
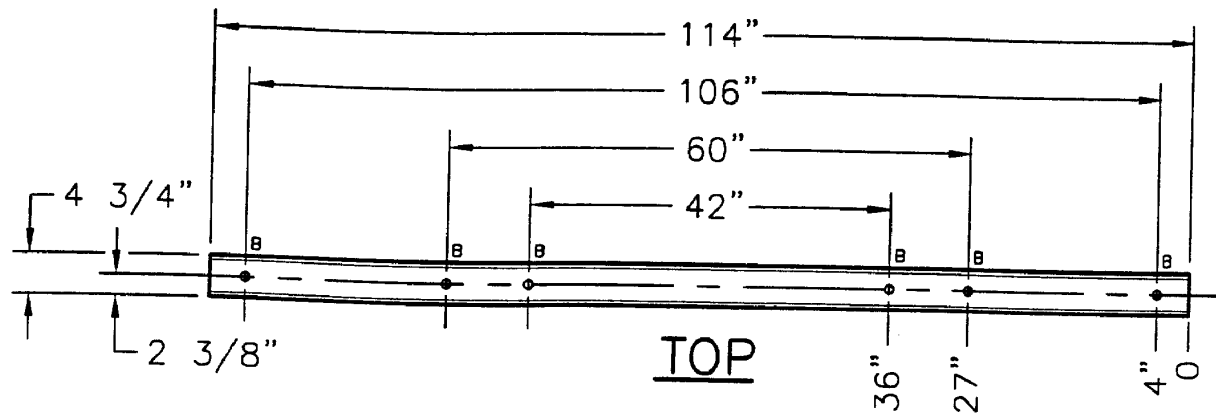
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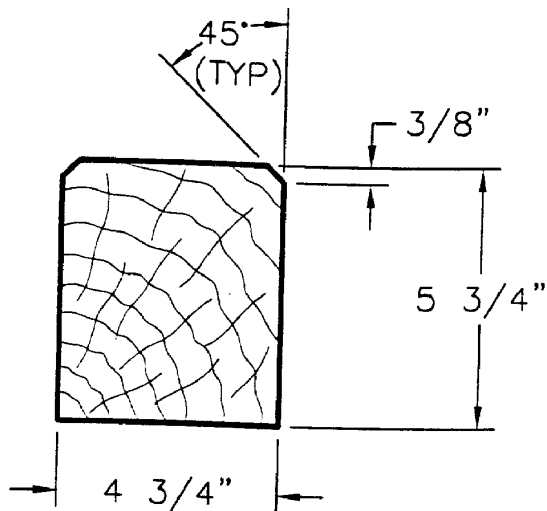
APPROVAL

REVISION

EES-_____



SEE DETAIL "A"

DETAIL "A"

HOLE DATA		
HOLE	DESCRIPTION	REQ'D
A	Ø 9/16"	2
B	Ø 11/16"	11



CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

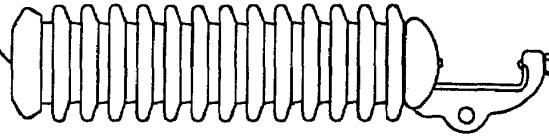
ENGINEERING STANDARD
CROSSARM DETAIL 9'-6"
HEAVY STEEL PIN

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DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION	

3/4"-10 UFS-2B
TAPPED HOLE
(PER ANSI C29-7)

3/4" STUD MOUNTING



69KV HORIZONTAL LINE POST INSULATORS

PORCELAIN

- LEAKAGE DISTANCE 45 INCHES(MIS)
- DRY ARCING DISTANCE 17.25 INCHES(MIN)
- CANTILEVER LOAD 2800 POUNDS(MIN)
- IMPULSE FLASHOVER POS. & NEG. 290KV(MIN)
- CONSTRUCTION PORCELAIN
- INSULATOR COLOR TO BE LIGHT GRAY (ANSI-70)
- BRAND NAME ON INSULATOR
- TRUNNION & FITTING WITHOUT CONDUCTOR CLAMP (PER ANSI C29.7)

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CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

ENGINEERING STANDARD
**69KV HORIZONTAL POST
INSULATOR (PORCELAIN)**

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DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION	